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DIALOG(R)File 351:Derwent WPI

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WPI Acc No: 1975-65537W/197540

Sulphonated urethane-diols with antistatic action - by reacting unsaturated alcohol, alkylene oxide, phosgene, hydroxylated amine and bisulphite

Patent Assignee: BAYER AG (FARB)

Number of Countries: 009 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
BE 826629	A	19750915			197540	B
NL 7503021	A	19750916			197540	
DE 2412217	A	19751009			197542	
JP 50123197	A	19750927			197547	
DK 7501032	A	19751201			197601	
FR 2264010	A	19751114			197601	
GB 1483859	A	19770824			197734	
IT 1032281	B	19790530			197939	
US 4245110	A	19810113			198105	

Priority Applications (No Type Date): DE 2412217 A 19740314

Abstract (Basic): BE 826629 A

Sulphonated urethane-polyols with a polyoxyalkylene chain have the formula (I): (where X is NH₄ or an alkali metal atom; R₁ is a 2-7C aliphatic group, or an aromatic group which may be substd. by halogen, an aliphatic group, a sulphonic acid group, or a nitro group; R₂ is H or methyl; R₃ and R₄ are 2-10C aliphatic groups; n is 1-50, and y is 1 or 2). (I) are added to spinning solns. of polyacrylonitrile in dimethylformamide in order to give the fibres antistatic properties.

Title Terms: SULPHONATED; URETHANE; ANTISTATIC; ACTION; REACT; UNSATURATED;

ALCOHOL; ALKYLENE; OXIDE; PHOSGENE; HYDROXYLATED; AMINE

Derwent Class: A25; A60; E19; F01

International Patent Class (Additional): C07C-143/10; C08G-065/32;

C09K-003/16

File Segment: CPI

Manual Codes (CPI/A-N): A04-D02B; A08-S04; E10-A09B2; F01-D02; F03-C05

Polymer Fragment Codes (PF):

001 012 028 03& 034 039 05- 062 063 072 074 075 076 147 198 200 230 231
24- 240 249 250 27& 273 30& 31- 311 318 321 325 336 359 360 398 409